

Title (en)  
USE OF COMPACTED CALCIUM-BASED GRANULES FOR SOIL CONDITIONING IN AGRICULTURE

Title (de)  
VERWENDUNG VON KOMPAKTIERTEN GRANULATEN AUF CALCIUMBASIS ZUR BODENKONDITIONIERUNG IN DER LANDWIRTSCHAFT

Title (fr)  
UTILISATION DE GRANULES COMPACTÉS À BASE DE CALCIUM POUR L'AMENDEMENT DU SOL DANS L'AGRICULTURE

Publication  
**EP 3811754 A1 20210428 (EN)**

Application  
**EP 19204872 A 20191023**

Priority  
EP 19204872 A 20191023

Abstract (en)  
The present invention is related to the use of compacted calcium-based granules, in particular pellets, in agriculture, in precision farming. The pellets are used as soil conditioning product, in particular as soil liming product, such as for deacidifying of the soil. The pellets are spheroidal/lens-shaped pellets comprising a source of calcium and optionally one or more additives. The pellets comprise at least 60 wt%, preferably 70 wt% of CaO, based on the total weight of the pellets. The pellets have an average size lower than 10 mm, measured by sieve analysis, and a granule density equal to or higher than 1.60 g/cm<sup>3</sup>, preferably equal to or higher than 1.70 g/cm<sup>3</sup>, measured by mercury picnometry. The present invention is further related to a precision farming method.

IPC 8 full level  
**A01C 21/00** (2006.01); **C05B 1/00** (2006.01); **C05D 3/02** (2006.01); **C05D 5/00** (2006.01)

CPC (source: EP)  
**C05D 3/02** (2013.01); **C05D 5/00** (2013.01); **A01C 21/007** (2013.01); **Y02A 40/10** (2018.01)

C-Set (source: EP)  
**C05D 3/02** + **C05D 5/00**

Citation (applicant)  
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